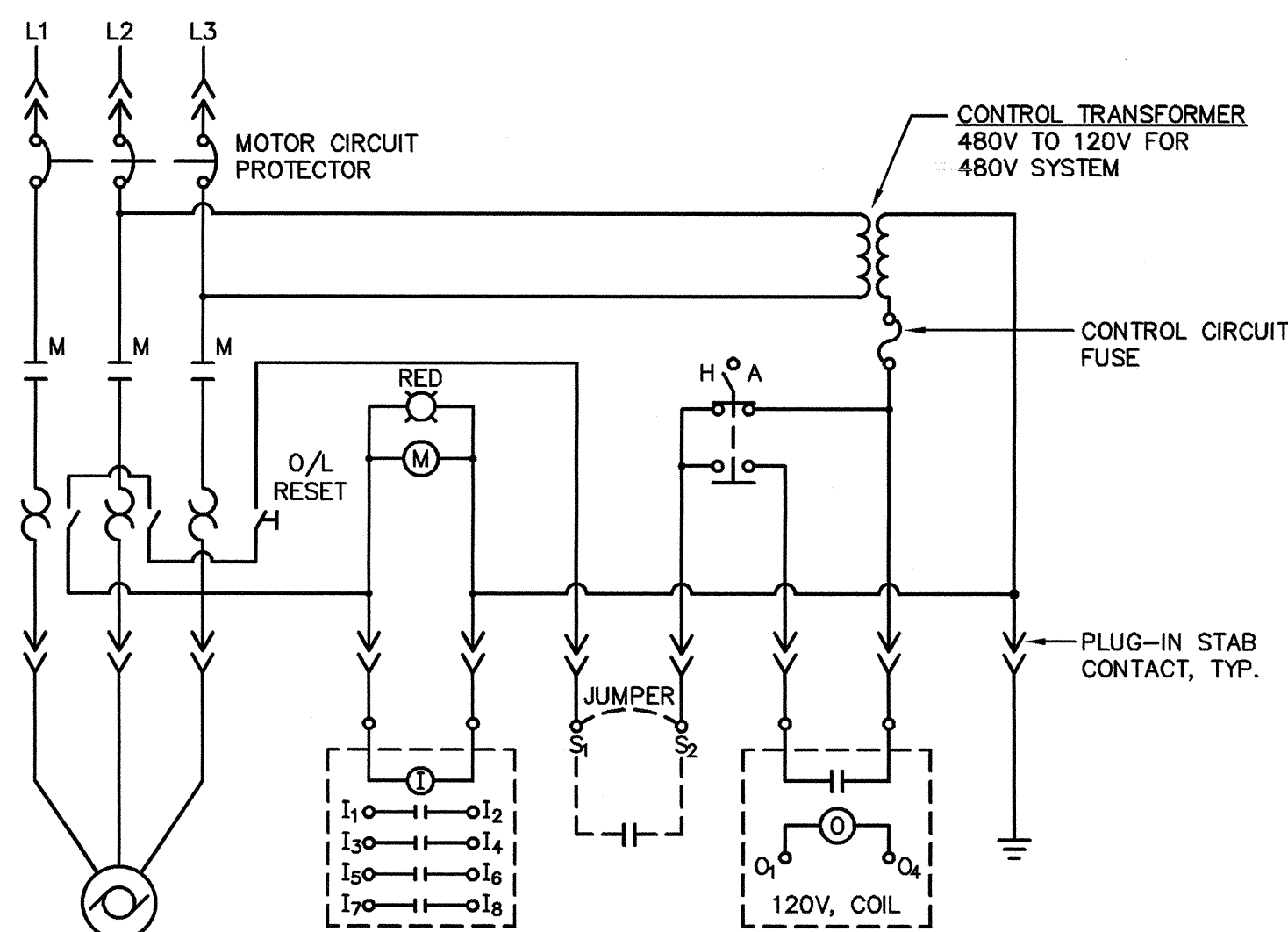


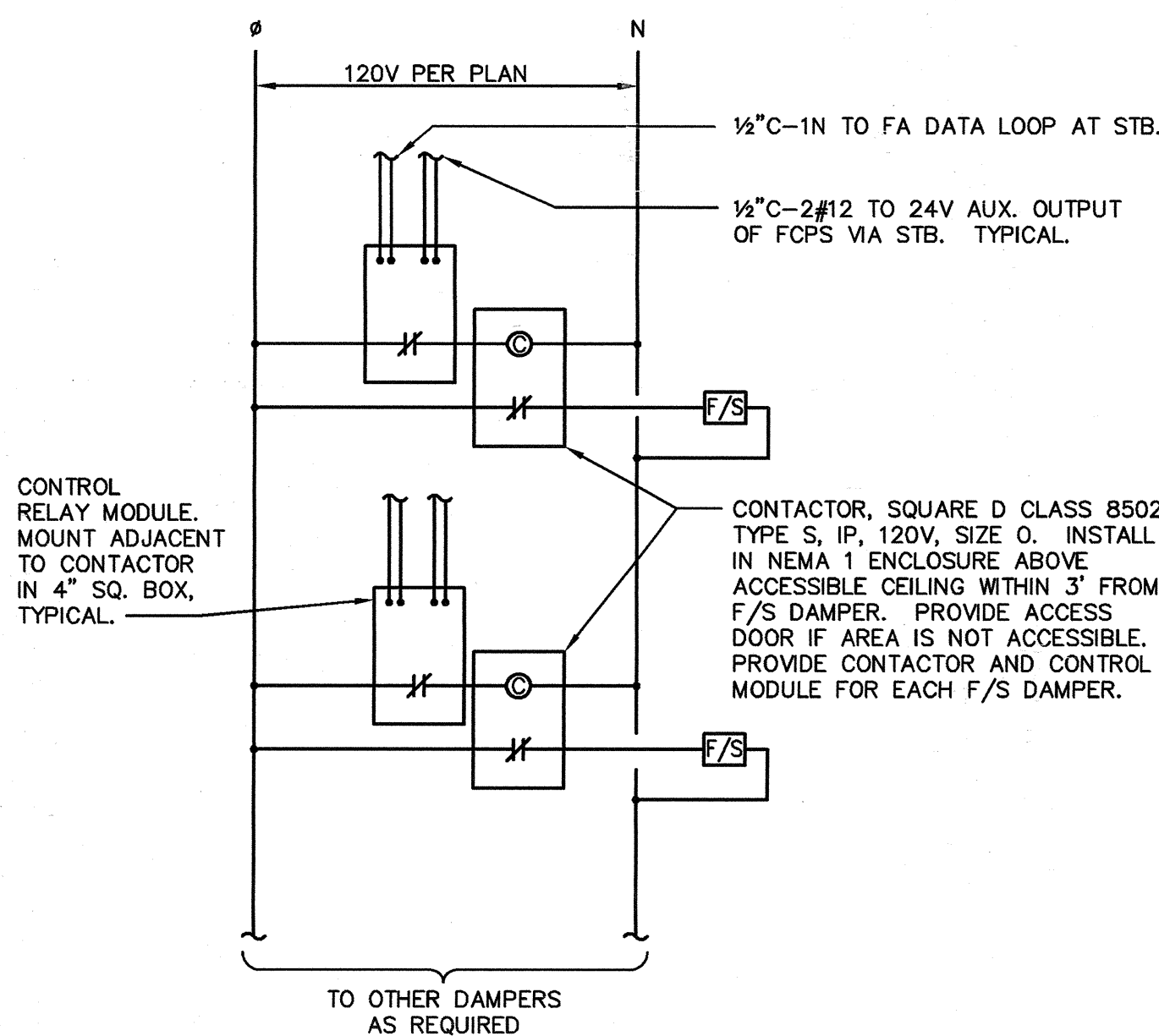
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



LEGEND:
M= MOTOR STARTER OPERATING COIL.
① INTERLOCKING, INDICATING RELAY WITH REVERSIBLE N.O. OR N.C. 10 AMPS (CONTINUOUS) CONTACTS MOUNTED IN AN ADJACENT RELAY CABINET. PROVIDE (1) RELAY FOR EACH STARTER AND EACH STARTER SPACE.
② OPERATING RELAY. LOCATE IN AN ADJACENT RELAY CABINET.
S₁S₂=TERM. FOR REMOTE LOCK-OUT STOP. PROVIDE JUMPER WHEN LOS'S ARE NOT REQUIRED ON DRAWINGS.
O₁O₂=TERM. FOR CONNECTION OF CONTROL CIRCUIT TO CAUSE MOTOR TO OPERATE.
I₁I₂=TERM. FOR INTERLOCKING AND INDICATING CIRCUITS WIRED TO TERMINAL BLOCK IN RELAY CABINET.

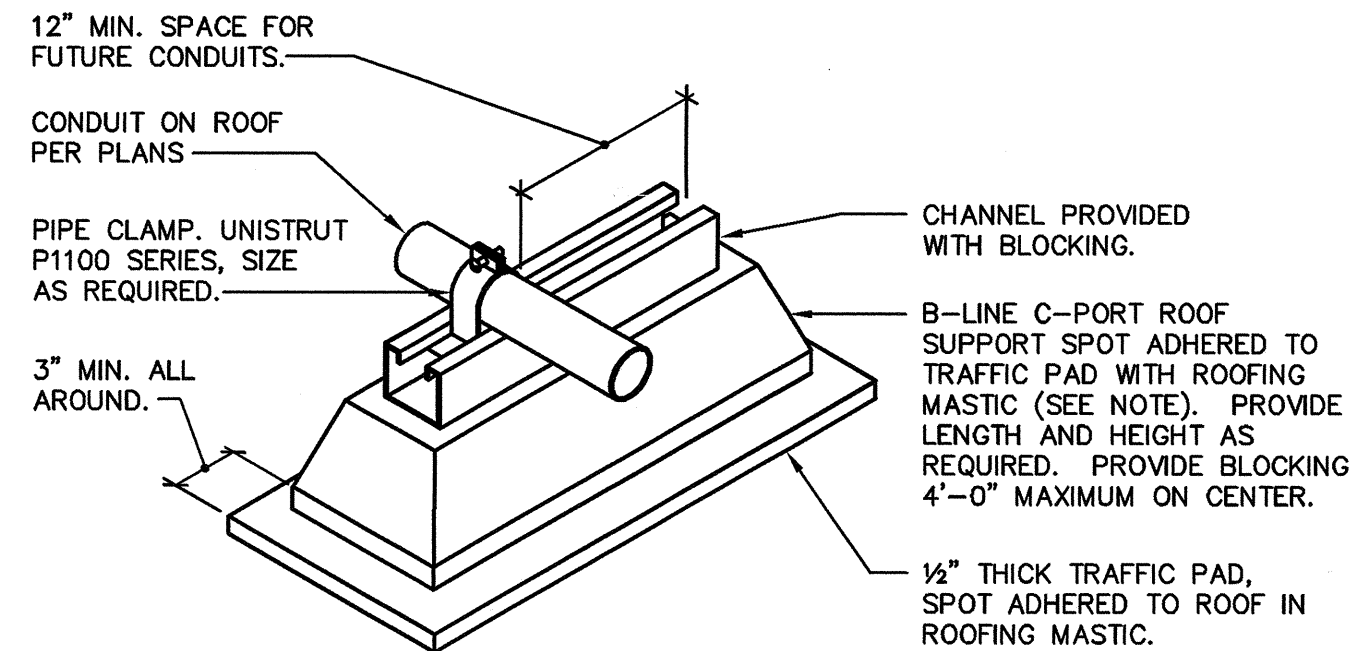
TYPICAL MOTOR STARTER DIAGRAM

NO SCALE



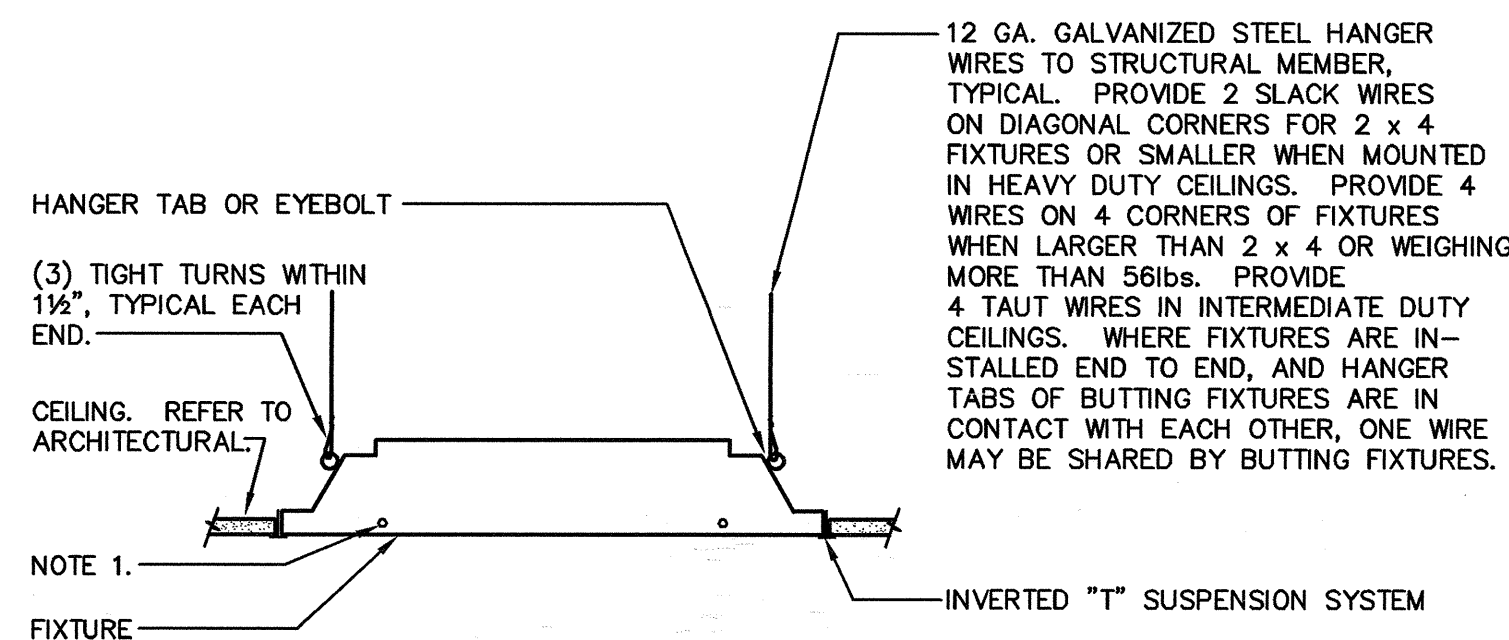
NOTES: 1. FIRE ALARM PANEL SHALL BE PROGRAMMED TO CLOSE INDIVIDUAL FIRE/SMOKE DAMPERS USING AREA DETECTION IN ALARM CONDITION.
2. CONTROL RELAY MODULE AND CONTACTOR SHALL BE MOUNTED WITHIN 3' OF FIRE/SMOKE DAMPER PER NFPA 72, 6.15.2.1

WIRING DIAGRAM - F/S DAMPER



DETAIL - CONDUIT SUPPORT ON ROOF

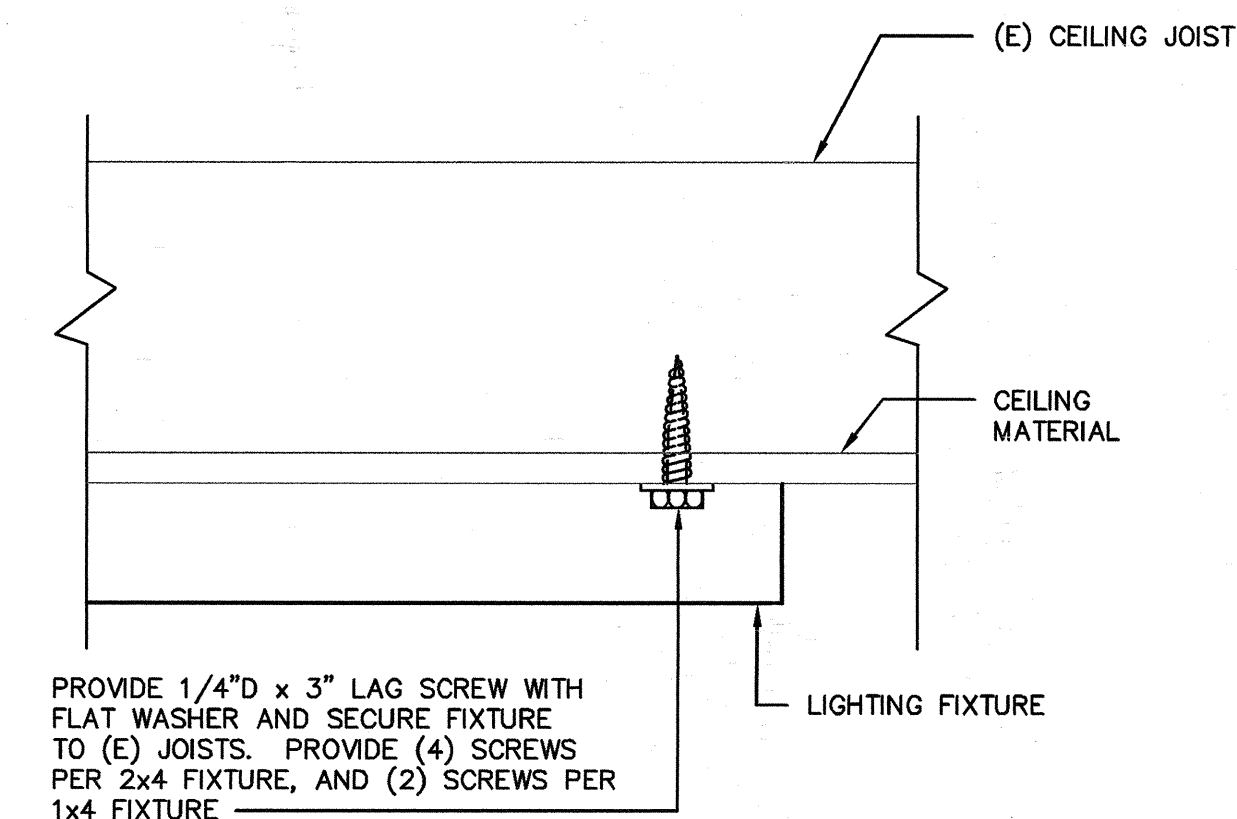
NO SCALE



NOTES: 1. SECURE FIXTURES TO T-BAR SYSTEM WITH (2) 1/4" DIAMETER ZINC PLATED SELF TAPPING "TEK" SCREWS AT EACH END. POINTED SHEET METAL SCREWS ARE NOT ACCEPTABLE. DRILL FIXTURES AND T-BAR RUNNER AS REQUIRED. LOCATE SUCH THAT SCREWS DO NOT INTERFERE WITH DOOR OPERATION.

DETAIL - TYPICAL LAY-IN FIXTURE MOUNTING

NO SCALE



DETAIL - SURFACE MOUNTED FIXTURE

NO SCALE

SYMBOL LIST

- | | |
|--|---|
| FLUORESCENT FIXTURE - SEE FIXTURE SCHEDULE FOR MOUNTING | CONDUIT RUN CONCEALED IN CEILING OR WALL, SEE NOTE #1 |
| CONDUIT RUN UNDERGROUND OR UNDER FLOOR. NO CONDUIT SHALL BE INSTALLED IN CONCRETE SLABS. | SIGNAL CABLE ROUTED THROUGH J-HOOKS ABOVE ACCESSIBLE CEILINGS. |
| EXISTING CONDUIT RUN | HOMERUN TO PANELBOARD OR RESPECTIVE TERMINAL |
| CONTROLLER | JUNCTION BOX - SIZE AS REQUIRED BY CODE |
| DISCONNECT SWITCH (F = FUSED) | DUPLEX RECEPTACLE +18" (A = ABOVE COUNTER, T = IN TOE SPACE, GFI = GROUND FAULT CIRCUIT INTERRUPTER TYPE) |
| SPECIAL RECEPTACLE, COORDINATE REQUIREMENTS WITH EQUIPMENT TO BE SERVED | MECHANICAL EQUIPMENT INSTALLED BY OTHERS, CONNECTED BY ELECTRICAL CONTRACTOR. |
| FIRE/SMOKE DAMPER FURNISHED BY MECHANICAL | FLAG REFERRING TO NUMBERED NOTE ON SAME SHEET |
| DEMOLITION NOTE | ABOVE COUNTER |
| ABOVE COUNTER | ABOVE FINISHED FLOOR |
| BREAKER | CONDUIT, CONDUIT ONLY |
| CIRCUIT | EXISTING |
| GROUND | GROUND FAULT CIRCUIT INTERRUPTER |
| NEW | PROVISIONS FOR FUTURE BREAKER |
| UNLESS OTHERWISE NOTED | VARIABLE FREQUENCY DRIVE |
| WEATHER PROTECTED | |

- NOTES:
- NO CROSSBARS ON CONDUIT RUN INDICATES 3/4" CONDUIT, TWO #12 CONDUCTORS. CROSSBARS INDICATE NUMBER OF #12 CONDUCTORS IN CONDUIT. CONDUCTOR SIZE OTHER THAN #12 NOTED ON DRAWINGS.
 - SYMBOLS FOR EXISTING ARE SHOWN THE SAME AS NEW EXCEPT DRAWN DASHED.

ELECTRICAL SCOPE DRAWINGS

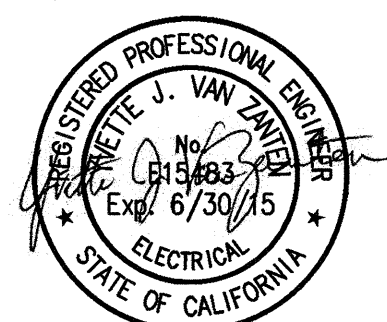
THESE ELECTRICAL DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF ELECTRICAL DESIGN CONCEPT, MAJOR ELECTRICAL ELEMENTS, AND THE TYPE OF ELECTRICAL SYSTEMS. AS SCOPE DOCUMENTS, THESE DRAWINGS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL WORK REQUIRED FOR FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS. ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, THE CONTRACTOR SHALL FURNISH ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.

GENERAL NOTES

- INFORMATION GIVEN CONCERNING EXISTING ELECTRICAL INSTALLATION IS AS EXACT AS COULD BE SECURED, BUT EXTREME ACCURACY IS NOT GUARANTEED. CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BIDS AND SATISFY HIMSELF AS TO THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED.
- EXISTING CIRCUITS AND SERVICES SHALL NOT BE INTERRUPTED EXCEPT BY SPECIFIC APPROVAL OF THE OWNER. ALL SHUTDOWNS SHALL BE SCHEDULED WITH THE OWNER.
- IN FINISHED SPACES, ALL INTERIOR CONDUIT SHALL BE RUN CONCEALED. FISH FLEX IN EXISTING WALL AND USE CUT-IN BOXES.
- REMOVE AND REPLACE (E) CEILING TILES AS NECESSARY TO INSTALL (N) RACEWAYS. PROVIDE (N) TILES TO REPLACE (E) WHERE (E) ARE DAMAGED BY WORK OF THIS CONTRACTOR. (N) TILES SHALL MATCH (E) AND BE APPROVED BY OWNER.
- CEILING TILES (AND POSSIBLY GRID) WILL BE REMOVED BY DIV. 15 FOR REMOVAL AND INSTALLATION OF DUCTWORK AND EQUIPMENT. ELECTRICAL CONTRACTOR SHALL WORK CLOSELY TO INSURE THAT EXISTING ELECTRICAL FIXTURES, DEVICES, EQUIPMENT, CONDUIT AND WIRING ARE LEFT INTACT. WHERE (E) ELECTRICAL WORK MUST BE DISTURBED, ADJUST, REMOVE AND REPLACE OR OTHER WORK NEEDED TO ALLOW DIV. 15 CONTRACTOR TO COMPLETE HIS WORK.

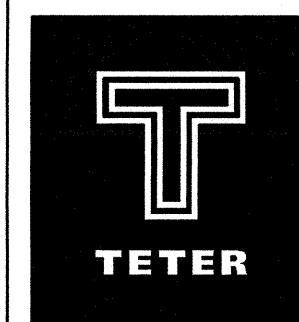
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ARCHITECT/ENGINEERS:

Project No. 13-9111.00



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ARCHITECTS ENGINEERS CONNECTED

Drawing Title
SYMBOLS, NOTES AND DETAILS

Approved: Project Director

Project Title
VA REPLACE SURGERY EXHAUST SYSTEM, BLDG 1, 3RD FLR

Location
FRESNO, CA

Date
3-05-15

Checked
YVZ

Drawn
LC

Project Number
570-15-211

Building Number
1

Drawing Number
E001

Dwg. of -

Office of
Construction
and Facilities
Management

